

FIGURE 1

Clone LR4: hLH/CG Receptor Fusion with Thioredoxin Gene in pET32 Vector

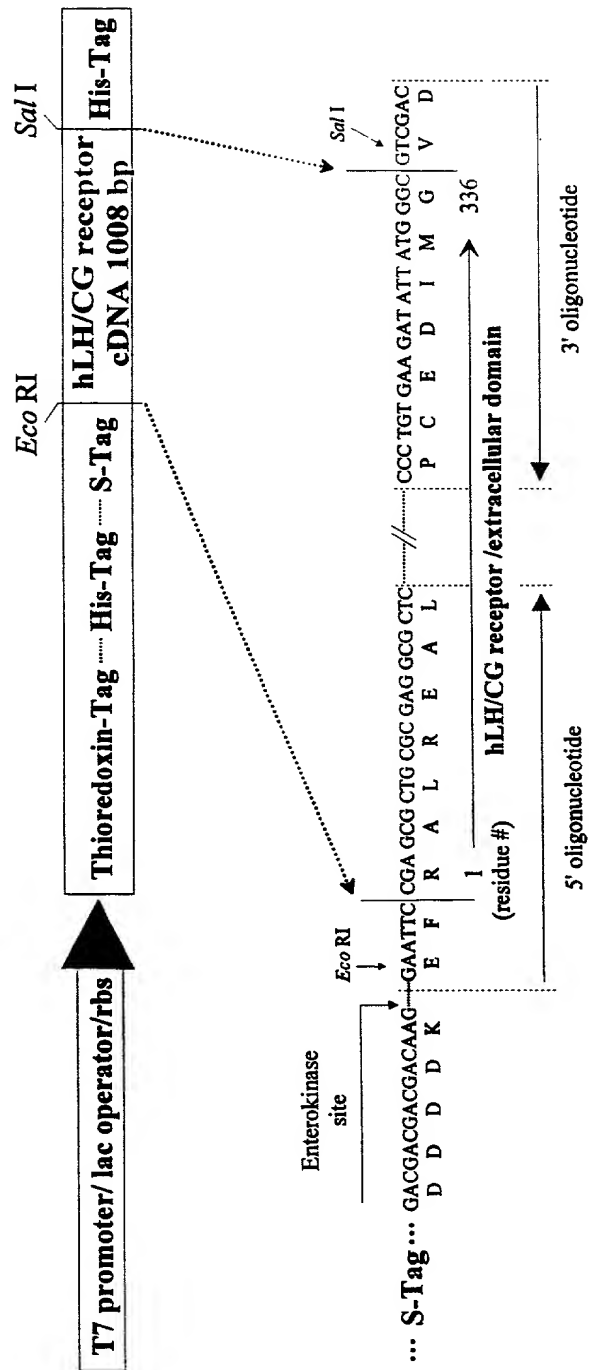
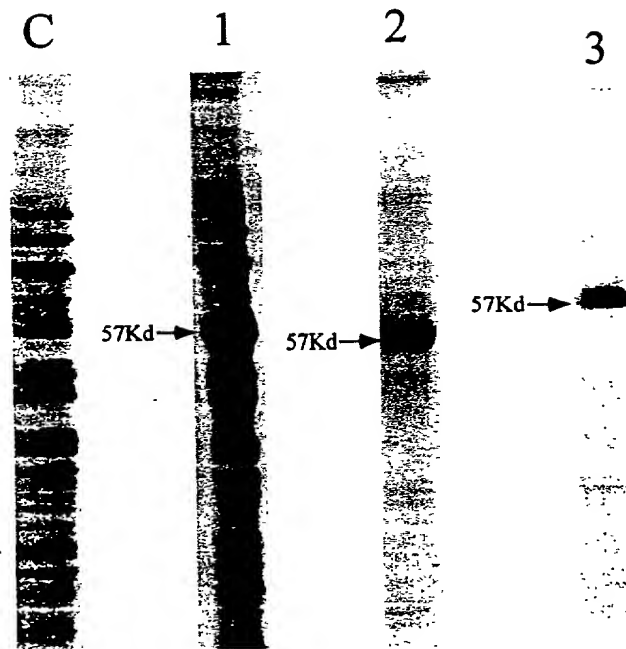


FIGURE 2

Non-reducing protein gels

Panel A



Western blots

Panel B

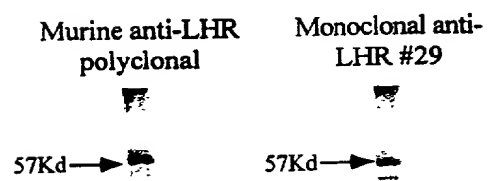


FIGURE 3

Affinity of hLH/CG receptor fusion protein

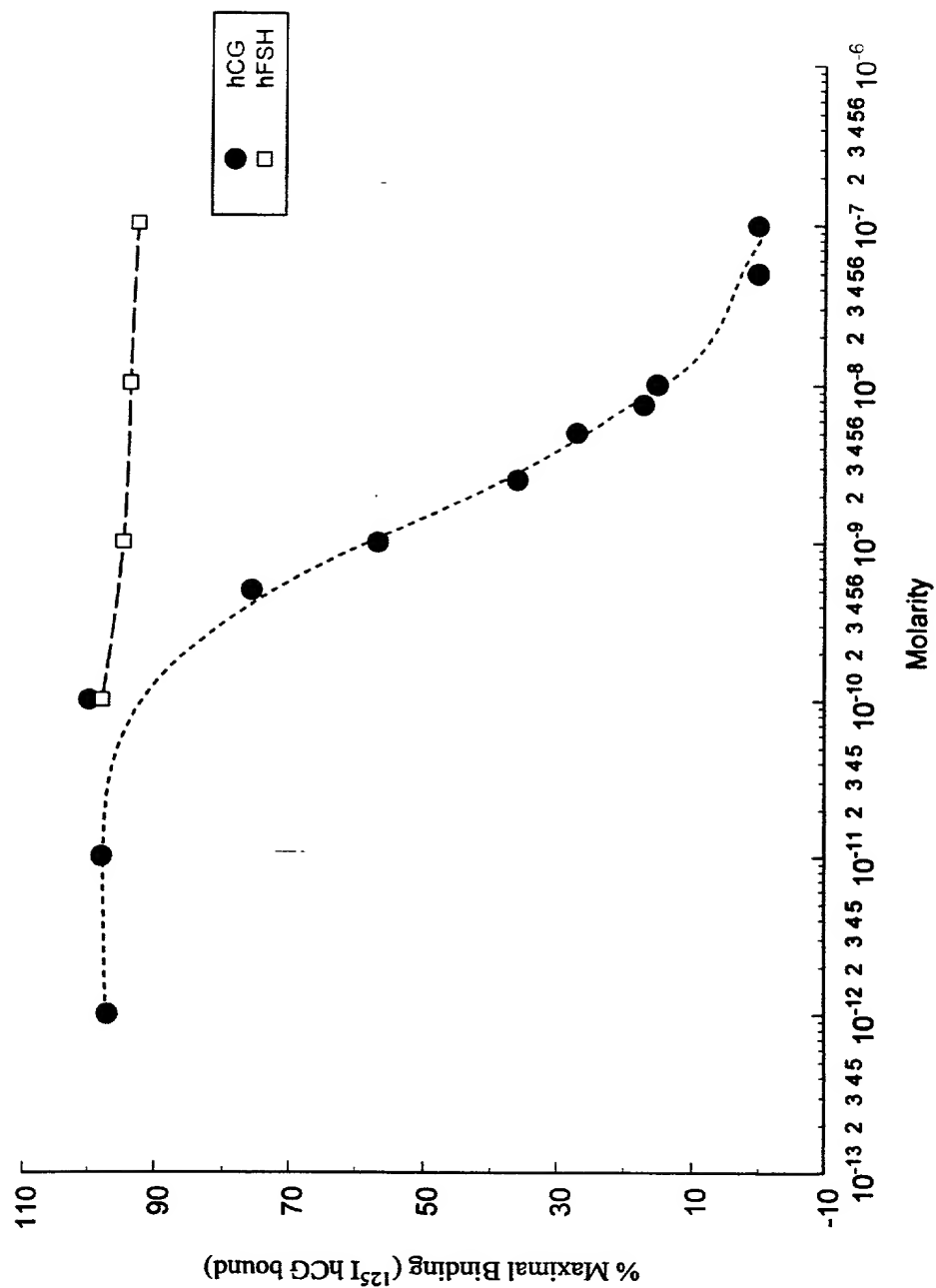


FIGURE 4

Effect of anti-hCG monoclonal antibodies
on hCG binding to receptor fusion protein

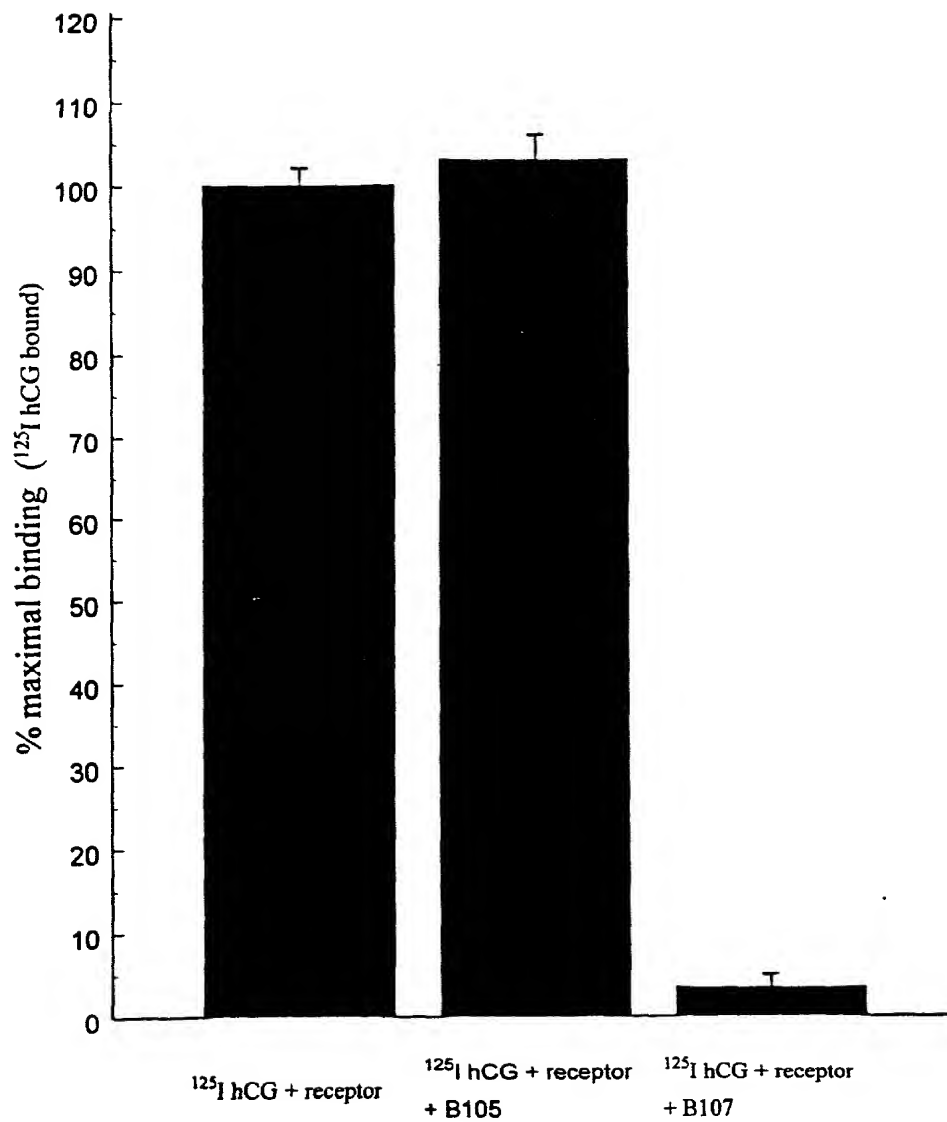


FIGURE 5

hFSH Receptor Fusion with Thioredoxin Gene in pET32 Vector

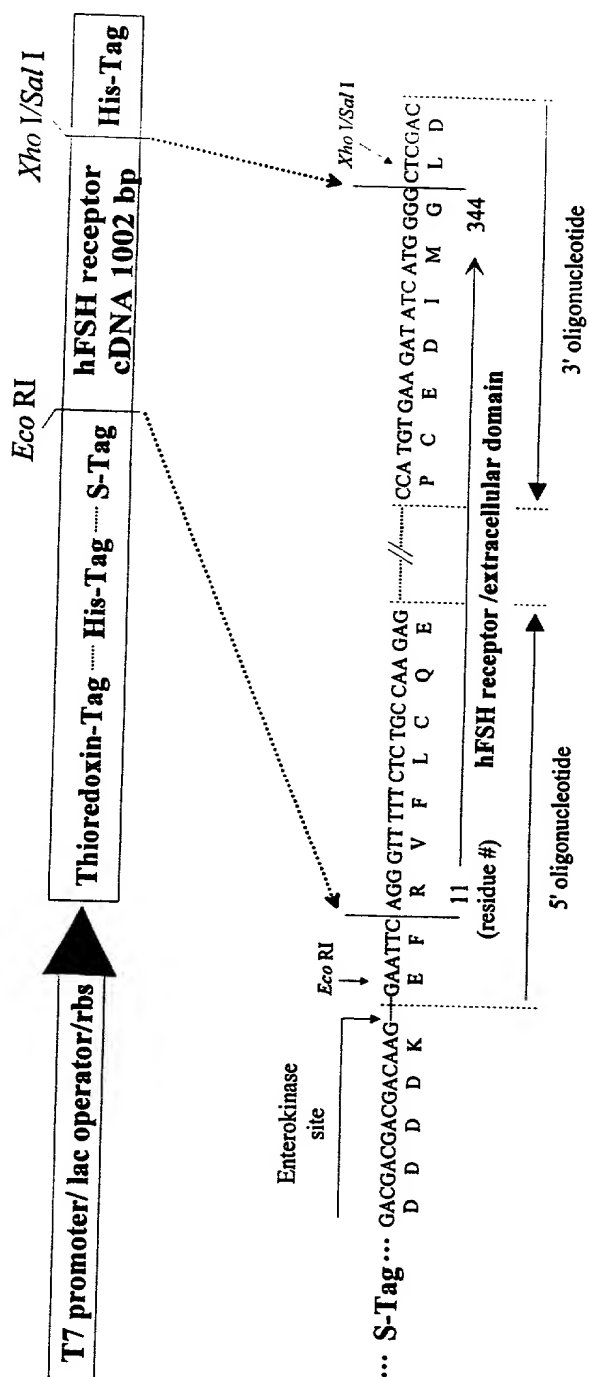


Figure 6A

1 atgagcgataaaattattcacctgactgac
 31 gacagttttgacacggatgtactcaaagcg
 61 gacggggcgatcctcgtcgatttctgggca
 91 gagtgggtgcggtccgtgcaaaatgatcgcc
 121 ccgattctggatgaaatcgtgacgaatat
 151 cagggcaaaactgaccgttgcaaaactgaac
 181 atcgatcaaaaaccctggcactgcgccgaaa
 211 tatggcatccgtgggtatcccgaactctgctg
 241 ctgttcaaaaacgggtgaagtggcggcaacc
 271 aaagtgggtgcactgtctaaagggtcagttg
 301 aaagagttcctcgacgctaacctggccggt
 331 tctggttctggccatatgcaccatcatcat
 361 catcattcttctgggtctgggtgccacgcggt
 391 tctgggtatgaaagaaaccgtgtgtctaaa
 421 ttcgaacgccagcacatggacagcccagat
 451 ctgggtaccgacgacgacgacaaggccatg
 481 gctgatatcggtatccgaattcaggggtttt
 511 ctctgccaaagagagcaagggtgacagagatt
 541 cttctgacctcccagggaatgccattgaa
 571 ctgaggtttgtcttcaccaagcttcgagtc
 601 atccaaaaagggtgcattttcaggatttggg
 631 gacctggagaaaatagagatctctcagaat
 661 gatgtcttggaggtgatagaggcagatgtg
 691 ttctccaaccttcccaaattacatgaaatt
 721 agaattgaaaaggccaacaacctgctctac
 751 atcacccctgaggcccttccagaaccttccc
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 901 gaaagaaattcttctgtggggctgagcttt
 931 gaaagtgtgattctatggctgaataagaat
 961 gggattcaagaaatacacaactgtgcatc
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 1021 agcgataataataatttagaagaattgcct
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 1081 gtcattctagatatttcaagaacaaggatc
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 1171 aacttaaaaaagctgcctactctggaaaag
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 1231 tatcccagccattgctgtgcctttgcaaac
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 1291 atttgcaacaaatctattttaaggcaagaa
 1321 gttgattatattgactcaggctagggggtcag
 1351 agatcctctctggcagaagacaatgagtc
 1381 agctacagcagaggatttgacatgacgtac
 1411 actgagtttgactatgacttatgcaatgaa
 1441 gtggttgacgtgacctgctcccctaagcca
 1471 gatgcattcaaccatgtgaagatatcatg
 1501 ggggtcgacaagcttgccggccgactcgag
 1531 caccaccaccaccaccactga

Figure 6B

1 MSDKIIHLTDDSFDTDVLKADGAILVDFWA
31 EWCGPCKMIAPILDEIADEYQGKLTVAKLN
61 IDQNPGTAPKYGIRGIPTLLLFKNGEVAAT
91 KVGALSKGQLKEFLDANLAGSGSGHMHMHH
121 HHSSGLVPRGSGMKETA AAKFERQHMDSPD
151 LGTDDDDKAMADIGSEFRVFLCQESKVTEI
181 PSDLPRNAIELRFVLTKLRVIQKGAFSGFG
211 DLEKIEISQNDVLEVIEADVFSNLPKLHEI
241 RIEKANLLYITPEAFQNLPNLQYLLISNT
271 GIKHLPDVHKKIHS LQKVLLDIQDNINIHTI
301 ERNSFVGLSFESVILWLNKNGIQEIHNCAF
331 NGTQLDAVNLS DNNLEELPNDVFHGASGP
361 VILDISRTRIHS LPSYGLENLKKLRARSTY
391 NLKKLP TLEKLVALMEASLTYP SHCCAFAN
421 WRRQISELHPICNKSILRQEVDYMTQARGQ
451 RSSLAEDNESSYSRGFDMTYTEFDYDLCNE
481 VVDVTCSPKPD AFNPCEDIMGVDKLAAALE
511 HHHHHH*

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1  MSDKIIHLTDDSFDTDLVKADGAILVDFWA
31  EWCGPCKMIAPILDEIADEYQGKLTVAKLN
61  IDQNPGTAPKYGIRGIPTLLLFGNGEVAAT
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121 HHSSGLVPRGSGMKETAAAKFERQHMDSPD
151 LGTDDDDKAMADIGSEFRALREALCPEPCN
181 CVPDGA LRCPGPTAGLTRLSLAYLPVKVIP
211 SQA FRGLNEVIKIEISQIDSLERIEANAFD
241 NLLNLSEILIQNTKNLRYIEPGAFINL PRL
271 KYLSICNTGIRKFPDVTKVFSSES NFILEI
301 CDN LHITTIPGNAFQGMNNESVTLKLYGNG
331 FEEVQSHAFNGTTLTSL ELKENVHLEKMHN
361 GA FRGATGPKTLDISSTKLQALPSYGLESI
391 QRLIATSSYSLKKLQPSRETFVN LLEATLTY
421 PSHCCAFRNLP TKEQNFSHSISENFSKQCE
451 STVRKVNNKLTLYSSMLAESELSGWDY EYGF
481 CLPKTPRCAPEPDAFNPCEDIMGV DKLAAA
511 LEHHHHHHH*

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